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NEW OR UNRECORDED MOSSES OF NORTH AMERICA.*†

By J. CARDOT AND I. THERIOT.

PHASCUM CUSPIDATUM Schreb. var. *AMERICANUM* Ren. & Card.

Is very close to the variety *piliferum* in the long excurrent costa and apex often colorless, but is distinguished from it by the shorter leaves, which are more papillose above, and by the very short, erect seta. Variety *mitraeforme* Limpr. is like it in the papillose leaves, but differs from it in the larger leaves, in the less excurrent costa, and in a mitriform calyptra.

Wisconsin: Madison, on ground in pastures, clover fields, and fallow ground (L. S. Cheney, 1893. Ren. & Card., Musci Amer. sept. exsicc., No. 267). Missouri: old fields near Emma (C. H. Demetrio, 1891). Illinois:—

Microbryum Floerkeanum var. *Henrici* Ren. & Card. in Bot. Gaz. 14: 91, 1899, from Kansas, leg. Henry, seems to be also a stunted form of the same moss. It has also the calyptra cuculate, a character which separates it from *Mycrobryum Floerkeanum*.

All the specimens we have received from North America as *Phascum cuspidatum* belong to this var. *Americanum*.

GYMNOSTOMUM CURVIROSTRE Hedw. var. *COMMUTATUM* Card. & Ther. (*Hymenostylum commutatum* Mitt., Musci. Ind. Or., p. 32. *Weisia curvirostris* var. *commutata* Dicks., Handb. Brit. Mosses, 212). Newfoundland (Rev. A. C. Waghorne).

This variety has long, narrow leaves, and the cells of the areolation are everywhere long and smooth. In the type, the upper areolation is composed of irregular cells, rectangular, quadrate, and triangular, with papillae.

GYMNOSTOMUM CURVIROSTRE Hedw. var. *SCABRUM* Lindb., musci Scand. 22.

This form shows contrary variations to the preceding; the leaves are smaller, the cells quadrate, papillose; besides, the stem and nerve are generally covered with high papillae.

Missouri: Benton Co., on moist rocks along Indian Creek (C. H. Demetrio, 1893). Minnesota: Lewiston cave (J. M. Holzinger, 1889). Bear Creek (J. M. Holzinger, 1890). Wisconsin: Madison (L. S. Cheney, 1892. Ren. & Card. Musci Am. sept. exsicc. No. 269).

DICRANUM VIRIDE B. & S. var. *LAEVE* Ren. & Card.

Distinguished from the typical form by its much laxer habit and less crowded leaves, which are smooth at the back.

Newfoundland: Bay of Islands, old stump (Rev. A. C. Waghorne, 1895).

DICRANUM ANGUSTUM Lindb., Soc. pro Fauna et Fl. Fenn., 1880, et Rev. Bryol. 9: 83. 1882, Lindb. & Arn., Musc. As. Bor. 2: 80 (description very complete).

Northwest shore of Hudson Bay, lat. N. 63-65, long. 0.90.20 (G. Comes, 1893-1894). We found some stems of this rare species amongst specimens of *Aulacomnium turgidum*.

*Translated by MISS WARNER. †Condensed from Bot. Gaz. 30, July, 1900.

A polar moss, known only from some localities of North Finland and from Siberia. It is easily distinguished from *D. Bonjeani* DeNot (*D. palustre* B. & S.) by the leaves straight, not undulate, convolute, and entire, the thinner costa, the less porose cells, and the perichaetial leaves long piliferous.

NOTE—The Editors tried an experiment in Plate IX which has proved unsuccessful.

CORRECTIONS. In "making up" the pages of the July BRYOLOGIST two serious errors were made in Mrs. Harris article: page 42, eleventh line from the bottom, erase all after the parenthesis; page 43, the long lines between the two cuts, are descriptive of *Cetraria Oakesiana* and should follow the preceding description of that species: page 48, in the fourth line of the description of *Brachythecium collinum Holzingeri*, insert a semicolon between "serrate" and "primordial."

CHAPTER NOTES.

Do not forget the competition for the first century of North American Musci Pleurocarpi (See THE BRYOLOGIST for October, 1900.) Address all letters and packages to Dr. A. J. Grout, 360 Lenox Road, Brooklyn, N. Y. When renewing your subscription do not fail to note the increase in price.

ELECTIONS.

Forward your ballot for officers and amendments to Mrs. J. D. Lowe, Noroton, Conn., prior to Nov. 1st.

CANDIDATES.

For President—Dr. G. N. Best, Rosemont, New Jersey. Prof. J. M. Holzinger, Winona, Minn.

For Vice-Pres.—Mr. Warren Huntington, Amesbury, Mass. Miss E. A. Warner, 78 Orange St., Brooklyn, N. Y.

For Sec.-Treas.—Miss Harriet Wheeler, Chatham, N. Y. Miss Alice Crockett, Camden, Maine.

AMENDMENTS.

The following amendments to the Constitution are proposed:

Section 4 of Article 3 shall be amended so as to read: The regular yearly dues shall be one dollar and ten cents for all members.

Section 2 of Article 1 shall be amended to read as follows: The membership shall consist solely of active members. Members may be admitted at any time.

In answer to the circular letter of May 10th, 1901, sixty-two members responded, all heartily commending the proposed increase in Chapter dues consequent on changing THE BRYOLOGIST from a quarterly to a bimonthly publication. This takes effect Jan. 1st, 1902. The yearly Chapter dues will then be \$1.10, which covers a subscription to THE BRYOLOGIST and leaves a margin for postage and general expenses.

A. M. S.